

**To:** Tenley, Clancy[Tenley.Clancy@epa.gov]  
**From:** Manzanilla, Enrique  
**Sent:** Fri 8/14/2015 3:09:28 PM  
**Subject:** Fwd: Data Analysis Process

Sent from my iPhone

Begin forwarded message:

**From:** "Manzanilla, Enrique" <Manzanilla.Enrique@epa.gov>  
**Date:** August 14, 2015 at 7:50:52 AM PDT  
**To:** "Moxley, Bret" <Moxley.Bret@epa.gov>, "Calanog, Steve" <Calanog.Steve@epa.gov>, "Harris-Bishop, Rusty" <Harris-Bishop.Rusty@epa.gov>  
**Cc:** "Keener, Bill" <Keener.Bill@epa.gov>, "Kao, Jessica" <Kao.Jessica@epa.gov>, "Guria, Peter" <Guria.Peter@epa.gov>, "Allen, HarryL" <Allen.HarryL@epa.gov>, "Blumenfeld, Jared" <BLUMENFELD.JARED@EPA.GOV>, "Zito, Kelly" <ZITO.KELLY@EPA.GOV>  
**Subject:** Fwd: Data Analysis Process

Let's discuss on this mornings 8:30 PDT call.

Sent from my iPhone

Begin forwarded message:

**From:** "Cheatham, Reggie" <cheatham.reggie@epa.gov>  
**Date:** August 14, 2015 at 7:44:24 AM PDT  
**To:** "Edlund, Carl" <Edlund.Carl@epa.gov>, "Hestmark, Martin" <Hestmark.Martin@epa.gov>, "Manzanilla, Enrique" <Manzanilla.Enrique@epa.gov>  
**Cc:** "Stanislaus, Mathy" <Stanislaus.Mathy@epa.gov>, "Tulis, Dana" <Tulis.Dana@epa.gov>, "Natarajan, Nitin" <Natarajan.Nitin@epa.gov>, "Breen, Barry" <Breen.Barry@epa.gov>  
**Subject:** FW: Data Analysis Process

FYSA...please provide the appropriate oversight to assure adherence to the processes outlined below.

Thanks

Reggie Cheatham, Director

Office of Emergency Management, USEPA

202.564.8003 (O); 202.689.9400 (M);

[cheatham.reggie@epa.gov](mailto:cheatham.reggie@epa.gov)

**From:** Ostrander, David  
**Sent:** Thursday, August 13, 2015 7:18 PM  
**To:** Cheatham, Reggie; Stanislaus, Mathy  
**Subject:** Fwd: Data Analysis Process

Sent from my iPhone

Begin forwarded message:

**From:** "Ostrander, David" <[Ostrander.David@epa.gov](mailto:Ostrander.David@epa.gov)>  
**Date:** August 13, 2015 at 2:36:34 PM MDT  
**To:** "Crossland, Ronnie" <[Crossland.Ronnie@epa.gov](mailto:Crossland.Ronnie@epa.gov)>, "Allen, HarryL" <[Allen.HarryL@epa.gov](mailto:Allen.HarryL@epa.gov)>  
**Cc:** "Ruhl, Christopher" <[Ruhl.Christopher@epa.gov](mailto:Ruhl.Christopher@epa.gov)>  
**Subject:** Fwd: Data Analysis Process

Here is the process for managing data. This will help expedite although it puts a lot on each incident command. Thanks

Sent from my iPhone

Begin forwarded message:

**From:** "Cheatham, Reggie" <[cheatham.reggie@epa.gov](mailto:cheatham.reggie@epa.gov)>  
**Date:** August 12, 2015 at 6:38:11 PM MDT  
**To:** "Ostrander, David" <[Ostrander.David@epa.gov](mailto:Ostrander.David@epa.gov)>  
**Cc:** "Ruhl, Christopher" <[Ruhl.Christopher@epa.gov](mailto:Ruhl.Christopher@epa.gov)>, "Tulis, Dana" <[Tulis.Dana@epa.gov](mailto:Tulis.Dana@epa.gov)>  
**Subject:** Data Analysis Process

Dave this is the message that Mathy want operationalized with everyone

**working this response and connected to UAC. Call if we need to discuss. Formally get this out under your authority.**

**Thanks**

**Process to analyze data:**

As agreed to by HQ EOC, UAC, Regions 6, 8 and 9, the regional EOC environmental units (EU) will follow the data format used during the Deepwater Horizon response (since staff were also involved in that response, this format will be familiar to them) and will conduct validation on data collected and analyzed during the response. The process will be expedited for data validation by having each environmental unit in each of regional EOCs validate and then send such data with interpretations to UAC simultaneous with HQ EOC. UAC would review the data and interpretation with all participants in UAC, HQ EOC would simultaneously review the data and work with UAC on final interpretation. ORD is engaged in this process. Messaging would be developed through PIO working in coordination with PIO in HQ EOC. Once completed data and interpretation/messaging would be conveyed through UAC. Data displays for key chemicals of concern, GIS overlays, and a color coding chart will be part of the data packages. The UAC PIO will post the data on the EPA Gold King Mine website. Notification prior to posting will be made via the UAC to States, Tribes, and congressional contacts and the HQ EOC. Trending messages will also be developed once there is sufficient data for the analysis.

Reggie Cheatham, Director

Office of Emergency Management, USEPA

202.564.8003 (O); 202.689.9400 (M);

[cheatham.reggie@epa.gov](mailto:cheatham.reggie@epa.gov)